

REF ID: A6
"Modification of the Michurin apparatus for rooting fruit trees.", p. 248,
(SBORNIK, Vol. 24, #3/4, Oct. 1951, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of
Congress, August 1953, Uncl.

CERNY, L.

CZECHOSLOVAKIA

CERNY, L., DVM., Cand of Scien.

Brno

Prague, Veterinarstvi, No 4, 1963, pp 152-154

"Tuberculosis in Mink."

CERNY, Ladislav

100th anniversary of birth of I. V. Michurin. Cosk. biol.
4 no.9:513-518 Oct 55.

(BIOGRAPHIES,
Michurin, Ivan V.)

CERNY, L.

Visit of Ilia Vladimirovich Belokhonov to Czechoslovakia. p. 189.
Resolution by the Immunological Conference at Liblice. p. 191.

DAFM

ČESKOSLOVENSKÁ BIOLOGIE, Praha, Vol. 4, no. 3, Mar. 1955.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

NEMEC, J.; CERNY, L.

Audiometric and vestibular investigations in pigmentary retinal degeneration. Cesk. ofth. 16 no.1:16-21 Ja '60

1. Oční a ušní katedra PU v Olomouci, vedoucí katedry prof. MUDr. V. Vajdovsky

(RETINA dis.) (AUDIOMETRY)

(VESTIBULAR APPARATUS funct tests)

CZECHOSLOVAKIA

CERNY, L.: Otolaryngological Clinic Medical Faculty, Palacky University (Otolaryngologicka Klinika Lek. Fak. PU). Olomouc, Chief (Prednosta) Prof Dr J. CHVOJKA .

"Traumatic Paralysis of the Facial Nerve."

Prague, Ceskoslovenska Neurologie, Vol 30, No 1, Jan 67, pp 36 - 41

Abstract /Author's English summary modified 7: Surgical treatment of traumatic paralysis of the facial nerve within the temporal bone is discussed. Indication of surgery depends on the type of fracture of the temporal bone. Usually the operation should take place during the 2nd month of paralysis. Analysis of 7 cases treated by the author in the last 5 years is presented. 1 Figure, 13 Western, 2 Czech references. (Manuscript received 19 Jun 65).

1/1

CERNY, Lubomir

Formation of filaments in a tuberculous tissue examined by
elective and histochemical methods. Veterinarni medicina
6 no.11:871-876 N '61.

1. Katedra pro patologickou morfologii a fyziologii veterinarni
fakulty.

CERNY, Lubos, promovany veterinarni lekar

Nucleic acids in the tuberculous granulation tissue. Veterinarni
medicina 6 no.12:917-920 '61.

1. Katedra pro patologickou morfologii a fyziologii, Veterinarni
fakulta, Vysoka skola zemědělská, Brno.

JERABEK, Jan MVDr.; CERNY, Ludomir, MVDr.; HOJDYSZ, Jan

Study of the stability of biologic properties of the hog cholera virus transmitted by rabbits. Pt.1. Veter medicina 9 no.5:379-386 0 '64.

1. Chair of Epizootiology and Internal Diseases of the Faculty of Veterinary Medicine, Brno, Head of the Chair [doc. MVDr.] Jaroslav Drazan, and the Chair of Pathological Morphology and Physiology of the Faculty of Veterinary Medicine, Brno. Head of the Chair [doc. MVDr.] Miloslav Zendulka. Submitted February 5, 1964.

CERNY, I.

and others. Dehumidifier for high-voltage distribution stations. p. 378.
ELEKTROTECHNIK, Prague, Vol. 10, no. 12, Dec. 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 5, No. 6 June 1956,
Uncl.

8075 INCREASED INTERRUPTING CAPACITY OF AIR BLAST
CIRCUIT-BREAKERS BY SYNCHRONIZED CONTACT SEPARATION

J. Chelak, L. G. G. V. H. H. J. K. and J. J. L. G. G.

Dtsch. Elektrotech., Vol. 11, No. 7, 116-20 (July, 1959). In German.

A report, with oscillograms, of tests on two types of a.c. single-pole circuit-breakers. These tests were carried out to substantiate the theory that the interrupting capacity can be increased by reducing the energy of the arc, by timing the contact separation just prior to zero current, and ensuring sufficient contact clearance at zero current. During tests on the first circuit-breaker with voltages in the region of 10 kV and currents ranging from 2 to 20,000 A it was found that, for high interrupting capacity, it is necessary to dislodge the roots of the arc as quickly as possible from both contacts into regions of high air velocity. The second circuit-breaker, incorporating this feature, was tested at 11.5 kV and with currents up to 11.4 kA (the capacity of the testing installation). No transient voltage surges, arcing, or contact wear were observed. Tests on the same circuit-breaker without synchronized contact separation reduced the interrupting capacity to 30 kA while removal of the arc-dislodging features results in failure to interrupt even at 20 kA. The illustrations include a range of the two types of circuit-breaker. It is claimed that the interrupting capacity of circuit-breakers can be increased at least four times by synchronized contact separation.

H. Sterling

CZECHOSLOVAKIA/Electronics .. Photocells and Semiconductor Device H.

Abs Jour : Ref Zhur-Fizika, No 7, 1959, 15951

Author : Cihelka, J., Cerny, L., Husa, V., Kriz, J., Ladnar, J.

Inst : State Research Institute for Electric Power Engineering
Prague, Czechoslovakia

Title : New Technology of Manufacture of High Power Germanium
Diodes

Orig Pub : Slaboproudy obzor, 1958, 19, No 9, 589-592

Abstract : A feature of the described technology is simultaneous
carrying out of the processes of production of p-n
junctions and the soldering of the leads.

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CERNY, L.; HUSA, V.; CIHELKA, J.

Contribution to the problem of overvoltage in circuits with germanium diodes and protection against it. p. 478.

ELEKTROTECHNICKY OBZOR. (Ministerstvo tesneho strojirenstvi a
Ceskoslovenske vedecka technicka spolecnost pro elektrotechniku pri
Ceskoslovenske akademii ved) Praha, Czechoslovakia. Vol. 48, no. 9, Sept. 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960.

Uncl.

S/194/62/000/004/076/105
D295/D308

AUTHORS: Cihelka, Jaroslav, Cerný, Ladislav, Husa, Václav,
Kříž, Josef and Ladnar, Josef

TITLE: Device for the stabilization of the operation of semi-
conductor-rectifier sections connected in parallel
(Patent)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 4, 1962, abstract 4-5-56f (Czechosl. pat., cl.
21d2, 12/02; 21g, 11/02; 21d3, 2, no. 97375, 15.11.60)

TEXT: The principle of the distribution of the cooling medium in
rectifiers with parallel-connected semiconductor diodes is outli-
ned. When diodes are connected in series or in parallel, the pro-
blem of temperature stability is especially difficult, since it is
impossible in practice to choose diodes having exactly the same
characteristics and, in particular, the same temperature dependence
on the current-voltage characteristic, which would enable us to
use for them a common equipment for cooling or temperature regula-
Card 1/2

CERNY, L.

83993

9.4340 (1143, 1160, 1331)

Z/017/60/049/010/002/002
E192/E482

AUTHORS: Husa Václav, Inž dr., Cihelka Jaroslav, Engineer and
Cerný Ladislav, Engineer

TITLE: Analysis of Voltage-Current Characteristics of Silicon
Diodes²⁵

PERIODICAL: Elektrotechnický Obzor, 1960, Vol.49, No.10, pp.530-537

TEXT: The characteristics of several silicon rectifier diodes are analysed. One type of the diode is made of n-type of material and results in a p-n-n⁺ junction. Another diode is made of type-p material and its base plate is alloyed with aluminium on one side and with AuSb on the other. In this way p⁺-p-n junctions are obtained. First, the inverse current voltage-characteristics of n-type and p-type junctions are considered. The n-junctions had the following parameters: average resistivity of 100 Ω cm, thickness of the base plate of 0.5 mm and area of 150 mm². The measured characteristics of these junctions are shown in Fig.1 and 2; the figures show the current density in μA/cm². Theoretically the current density in the reverse direction is expressed by

$$J_n = J_0 e^{-\alpha \frac{W}{kT}} \quad (1)$$

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E192/E482

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where α is a parameter contained between 1.0 and 0.5, W_i is the activation energy, k is the Boltzmann constant and T is the absolute temperature. If Eq.(1) is plotted to logarithmic scale, a straight line is obtained. Consequently, the curves of Fig.1 and 2 are plotted logarithmically in Fig.3. From this, it is seen that all the straight lines converge at a point P_1 . This point corresponds to the temperature of 192°C. It is, therefore, possible to determine the activation energy. It is found from the graphs that for the voltage of 0.5 V the activation energy is 1.16 eV. This figure is in good agreement with the value of the activation energy quoted in the available literature. The p-type junctions had the following characteristics: average resistivity of 400 Ω cm, plate thickness of 0.5 mm and area of 75 mm². The reverse characteristics of this junction are shown in Fig.5; this is replotted logarithmically in Fig.6, where it is seen that the curves become equidistant straight lines. From these characteristics, it is found that the activation energy is 0.3 to 0.62 eV. These figures are comparatively low and it is thought that they are due to the acceptor energy level in the main band;

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Z/017/60/049/010/002/002
E192/E482

Analysis of Voltage-Current Characteristics of Silicon Diodes

the forward characteristics of the diodes were also measured. The n-type diode had the following parameters: average resistance of $100 \Omega \text{ cm}$, plate thickness of 0.5 mm and junction area of 150 mm^2 . The characteristics of this diode are plotted logarithmically for various temperatures in Fig.8. The p-type rectifier had an average resistivity of $400 \Omega \text{ cm}$, thickness of 0.5 mm and junction area of 75 mm^2 . The logarithmic plots of the characteristics of the element for various temperatures are shown in Fig.9. From the characteristics in Fig.8 and 9 it is seen that in the region of medium and high currents they can be approximated by straight lines which converge at a point P_2 for both types of junction. The voltage coordinate of P_2 corresponds to the activation energy of silicon (1.2 eV). The characteristics of germanium diode were also measured for the purpose of comparison; these were shown in Fig.5, from which it is seen that a P_2 has the coordinate of 0.73 V which corresponds to the activation energy of germanium. Theoretically the forward characteristic of a silicon rectifier can be expressed by

$$\text{Card 3/6 } J = a e \left(\frac{l_p}{\tau_p} + \frac{l_n}{\tau_n} \right) N_0 e^{-\frac{W_i}{kT}} \left(e^{\frac{eU}{kT}} - 1 \right) \quad (5)$$

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E192/E482

Analysis of Voltage-Current Characteristics of Silicon Diodes

where a is a constant, N_0 is the total number of electrons which can be produced by thermal ionization in one cm^3 , l_p is the diffusion length of the holes, l_n is the diffusion length of the electrons, p_n is the concentration of the n-type holes, n_p is the concentration of the p-type electrons, τ_p is the life time of the holes, τ_n is the life time of the electrons. Eq.(5) can approximately be expressed by Eq.(7), where A is defined by Eq.(6). In logarithmic coordinates, Eq.(7) can be written as Eq.(8). If AN_0 is independent of voltage U , Eq.(8) represents a set of straight lines. If it is plotted in semi-logarithmic coordinate system, these straight lines pass through a point P_3 . Consequently the curves of Fig.8 and 9 were plotted semi-logarithmically; the resulting characteristics are shown in Fig.12 and 13. From these characteristics, it is again possible to determine the activation energy of silicon. The results are in good agreement with the previous values. The set of the tangents in Fig.8 and 9, which pass through point P_2 can be expressed by

$$\frac{J_{pr}}{J_{pr1}} = \left(\frac{eU}{W_i} \right) \frac{\beta}{kT} \quad (11)$$

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Z/017/60/049/010/002/002
E192/E482

Analysis of Voltage-Current Characteristics of Silicon Diodes

where J_{p1} is the current density at point P_2 . The quantity β in Eq.(11) represents the diffusion potential V_d . This is given by

$$V_d = kT \ln \frac{n_n}{n_p} \quad (12)$$

By combining these equations with the preceding formulas, it is found that the maximum diffusion potential is expressed by $V_d \max = aW_1$. From this it is concluded that by increasing the doping in a diode, point P_2 is shifted and the density of the forward current is increased. This was verified by means of a non-doped type-p diode; the characteristics of this device are shown in Fig.15 and 16. By comparing this with Fig.9 and 13, it is found that the inflection of the characteristics occurs at higher current densities in the presence of doping. The doping also increases the diffusion potential. The forward characteristic of n- and p-type junctions are also used to determine the ohmic drop in the junctions. The authors thank M.Kubat and A.Bürger of CKD Stalingrad for help in their work and for lending the n-type diodes, to Dr.Trousil of the Czechoslovak Academy of Sciences for

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83993
Z/017/60/049/010/002/002
E192/E482

Analysis of Voltage-Current Characteristics of Silicon Diodes
supplying the p-type material, and to J.Kříž and J.Ladnar for
preparation of the p-diodes. There are 17 figures and
20 references: 11 Czech, 2 Soviet, 6 English and 1 German.

ASSOCIATION: Státní výzkumný ústav silnoproudé elektrotechniky
(State Research Institute for Power Engineering)

SUBMITTED: December 18, 1959

Card 6/6

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR, Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.; KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBlich, Jan; CERNY, Ladislav, Dr.; DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; FOLTYN, Jiri; VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir; STUCHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

Statements of directors of institutes, and of managers of workplaces of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 8 no.8/9:496-531 '61.

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved (for Stejskal, Plesnik, Hruska, Svoboda, Najmr, Preininger, Hauner, Benda, Krajcovic, Krblich, Dvoracek, Foltyn, Vyskot, Kosil) 2. Clen redakcni rady Vestniku Ceskoslovenske akademie zemedelskych ved (for Plesnik, Preininger, Foltyn, Vyskot) 3. Reditel Vyskumneho ustavu zivocisne vyroby Ceskoslovenske akademie zemedelskych ved v Uhrinevsi (for Dvoracek) 4. Reditel Ustavu pro vedeckou soustavu hospodareni Ceskoslovenske akademie zemedelskych ved v Praze (for Benda)

(Czechoslovakia—Agriculture)

L 29949-66

ACC NR: AP6006150

(A)

SOURCE CODE: CZ/0078/65/000/010/0010/0010

AUTHOR: Huss, Vaclav (Dr., engineer, Doctor of Sciences) (Pecky); Bydzovsky, J.
(Engineer) (Zasmiky); Cerny, L. (Engineer) (Sadaka); Kriz, J. (Prague);
Ladnar, J. (Prague)

ORG: None

TITLE: (Overvoltage protection device for rectifying semiconductor diode)
CZ Pat. no. 77 7039 64

SOURCE: Vynalezky, no. 10, 1965, 10

TOPIC TAGS: semiconductor device, semiconductor diode, Zener diode, zener effect

ABSTRACT: A device is described for protecting a rectifying semiconductor diode, or a group of several parallel or series-parallel connected diodes from overvoltage, and is distinguished by the feature that to the diode of group of diodes is connected a parallel matched polarized breakdown (Zener) diode, or a group of several breakdown diodes connected in series, in parallel or in series-parallel. The Zener voltage on the breakdown diode in the reverse (non-conducting) direction, or the value of the sum of the Zener voltages in the reverse direction in the breakdown diodes connected in series is lower than the breakdown voltage of the diode to be

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L 29949-66

ACC NR: AP6006150

protected from overvoltage, or than the value of the sum of the breakdown voltages of the protected diodes connected in series.

SUB CODE: 09.

SUBM DATE: 14Dec64

Card 2/2 CV

ACC NR: AP6009347

(A)

SOURCE CODE: CZ/0078/65/000/011/0013/0013

INVENTOR: Rusa, Václav (Doctor of sciences, Doctor, Engineer; Počky); Cihelka, Jaroslav (Engineer; Prague); Černý, Ladislav (Engineer; Sadská); Kříž, Josef and Ladnar, Josef (Prague); Luxa, František (Horní Počernice)

ORG: none

TITLE: A two phase semiconductor element CZ Pat. No. PV 5496-63, Class 21g

SOURCE: Vynálezy, no. 11, 1965, 13

TOPIC TAGS: semiconductor theory, semiconductor research, phase composition, semiconductor band structure

ABSTRACT: A two-phase semiconductor element built up on semiconductor base plate, with a collector with first and second base formed as a layer into the semiconductor base plate along its entire surface on one side, with a first and second emitter formed as a second layer into the first layer. The contact of the second base is at the same time the contact of the first emitter, with feed connectors to the collector, the first base, and, if applicable, to the second base and second emitter. The first emitter is shaped in the form of a strip and the second emitter in the form of a comb. The relative position of the two emitters is such that the strip forming the first emitter is equidistant from all the ends of the comb forming the second emitter. On the first layer there is formed a contact of the first base in the shape of a strip and also a contact of the second base in the form of a comb. On the comb forming the

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ACC NR: AP6009347

second emitter there is formed a contact in the shape of a comb and the parts of the comb engage mutually. The relative position of the contacts is such that the strip forming the contact of the first base is equidistant from the yoke of the comb forming the contact of the second base. The relative position of the strip forming the first emitter and the contact of the second base is such that the yoke of the comb forming the contact of the second base also forms the contact of the first emitter along the part of the strip forming the first emitter.

SUB CODE: 20 / SUBM DATE: 07Oct63

Card 2/2

ACC NR: AP6020013

SOURCE CODE: CZ/0073/65/007/C03/0297/0298

AUTHOR: Cerny, L. (Dolni Pocernice); Tomanova, M.

ORG: Children's Psychiatric Residential Treatment Center, Dolni Pocernice (Psychiatricka lecebna)

TITLE: Assessment of dimethylaminoethanol in pedopsychiatry. ²² [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 297-298

TOPIC TAGS: pediatrics, psychotherapy, drug effect

ABSTRACT: Dimexol-Spofa (dimethylaminoethanol combined with carboxylate ion exchanger T-III dental) was tested on 21 children. 6 of these had behavior disorders and restlessness of an encephalopathic origin. Of this group, two improved and one became worse. In another group of 15 children with concentration disorders, the drug was without effect. Of 9 children with enuresis, only one improved. Dimexol is not very effective in pedopsychotherapy. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 LS

CERNY, Ladislav, inz. CSc.

Use of the method of model deformation freezing in the experimental solution of a rectangular plate with opening. Ins stavby 13 no.2: 73-79 F '65.

1. Hydroprojekt, Bratislava.

CERNA, Jitka; CERNY, Lubomir; MESAROS, Ernest

Pathologicomorphological changes of swine gall bladder and their relation to microbial flora. Vet medicina 8 no.6:401-408 D '63.

1. Departments of Pathological Morphology and Microbiology of the Research Institute of Veterinary Medicine, Brno-Medlanky and Institute of Pathological Morphology of the Faculty of Veterinary Medicine of the Higher School of Agriculture, Brno-Medlanky. Head of the Institute: [doc. MVDr.] M.Zendulka.

GERNOCHOUS, Jan, MVDr. CSc.; ~~GERNOCHOUS, Jan, MVDr. CSc.~~

Contribution to the study of exanthem on the skin of the mammary gland of cows. Veter medicina 8 no.5:291-300 1963.

1. Chair of Epizootiology and Internal Diseases and Chair of Pathological Morphology and Physiology of the Faculty of Veterinary Medicine of the Higher School of Agriculture, Brno. Head of the Chair of Epizootiology and Internal Diseases [doc. MVDr.] J.Drazan. Head of the Chair of Pathological Morphology and Physiology [doc. MVDr.] M.Zendulka.

CERNY, Ludek; FUCHS, Vladim'r; JIRA, J.J.; BOZDECH, V.

Congenital damages of the central nervous system in children related to latent toxoplasmosis in mothers. Cesk.psychiat. 56 no.2:85-94 Ap '60.

1. Detske oddeleni psychiatricke kliniky KU v Praze. Detska psychiatricka ambulance fakultni polikliniky v Praze. Katedra pro porodnictvi, gynekologii dospelych a deti pediatricke fakulty KU v Praze.

(TOXOPLASMOSIS in pregn.)

(PREGNANCY compl.)

(MENTAL DEFICIENCY etiol.)

CERNY, Ludek; KUCERA, Otakar; STERBAKOVA, Emilie

Index card used in cataloging of psychiatric diseases of children.
Cesk.psychiat.56 no.5:289-298 0'60.

1. Detska psychiatricka lecebna v Dolnich Pocernicich. Psychiatricka
poradna pro deti a mladistve, Praha 2.
(MENTAL DISORDERS)
(MEDICAL RECORDS)

CERNY, L.; STERBAKOVA, E.

Experience with the use of fenobarbital in child psychiatry. Aktiv.
nerv. sup. 3 no.2:225-226 '61.

1. Dětská psychiatrická léčebna, Dolní Pocerovice.

(SUICIDE) (PSYCHOPHARMACOLOGY)

CERNY, Ludek; MECIR, Jan

Suicide in children and adolescents. Cesk. pediat. 16 no.4:294-298
Ap '61..

1. Psychiatricka klinika KU, prednosta prof. dr. V. Vondracek Detske
psychiatricke oddeleni FDL, prednosta doc. dr. J. Fischer.

(SUICIDE)

MECIR, Jan; CERNY, Ludek

Attempted suicide in children and adolescents. Cesk. pediat. 16 no.4:
299-311 Ap '61.

1. Psychiatricka klinika KU, prednosta prof. Dr. V. Vondracek. Detske
psychiatricke oddeleni FDL, prednosta doc. Dr. J. Fischer.

(SUICIDE)

CERNY, Ludek; KANKA, Jiri; MACKU, Frantisek

Use of psychopharmacology in preoperative preparation and postoperative care in gynecology. Cesk. gynek. 27 no.1/2:129-132 Mr '62.

1. II gyn.-por. klin. KU v Praze, predn. prof. MUDr. J. Lukas, DrSc
Detska psychiat. lec. Dolni Pocernice, predn. MUDr. L. Cerny.

(GYNECOLOGY surg) (MEPROBAMATE ther)
(PHENMETRAZINE ther) (PARASYMPATHOLYTICS ther)

CERNY, Ludek; CERNA, Marie

Depressive syndrome in children and adolescents with special reference to suicidal tendencies. Cesk. psychiat. 58 no.3:162-169 Je '62.

1. Detska psychiatricka lecebna v Dolnich Pocernicich, Skolni zdravotni sluzba v Praze 2.

(SUICIDE) (DEPRESSION) (CHILD PSYCHOLOGY)
(ADOLESCENCE psychol)

CZECHOSLOVAKIA

L. CERNY, Childrens' Psychiatric Hospital (Detska psychiatricka lecebna,) Dolni Pocernice.

"Enuresis Nocturna in Children - Imipramine Treatment and Complications."

Prague, Activitas Nervosa Superior, Vol 5, No 2, May 63; pp 176-177.

Abstract: Author used 25 to 75 mg. h.s. in 20 treatment-refractory enuretic children aged 6 to 14: great improvement in 7, lesser in 9, none in 4; side effects (confusion, excessive perspiration, emesis) in 3. Drug is considered valuable in this indication.

1/1

CERNY, L.; KOLAR, O.

Vestibular manifestations in brain stem encephalitis. Cesk. otolaryng. 12 no.4:222-229 Ag '63.

1. Klinika nemoci usnich, nosnich a krcnich lekarske fakulty PU v Olomouci, prednosta prof. dr. J. Chvojka Neurologicka klinika lekarske fakulty PU v Olomouci, prednosta prof. dr. J. Hrbek, DrSc.

(ENCEPHALITIS) (INFLUENZA VIRUSES)

(ENCEPHALITIS VIRUSES) (VESTIBULAR APPARATUS)

(BRAIN STEM) (NEUROLOGIC MANIFESTATIONS)

CERNY, L.; CHVOJKA, J.

Discharge of cerebrospinal fluid from the ear after labyrinthotomy. Cesk. otolaryng. 13 no.3:165-168 Je'64

1. Otolaryngologická katedra lékařské fakulty PU (Palackého University) v Olomouci; vedoucí prof. dr. J. Chvojka.

CERNY, LUDVIK.

Hygiena domacich svirat; cast specialni. Praha, Statni pedagogicke nakladatelstvi 1956. 273 p. (Ucebni texty vysokych skol) (Hygiene of domestic animals: special part; at textbook) DA Not in DLC

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

CZECHOSLOVAKIA/Human and Animal Viruses. Grippe Virus

E

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14617

following its birth and in the lungs, lymph nodes and in the pericardial exudate of a 12 day old piglet. The source of the infection in both cases could only be the mother-sow. It is the opinion of the authors that influenza may run its course as a viremia, without local symptoms: the virus may not manifest pneumotropic characteristics; apparently healthy sows may serve as a source of infection. A.S. Gorbunova.

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CERNY, LUDVIK

Hygiena domácich zvierat; cast obecna. (Vyd. 2., opravene a doplnene)

Praha, Czechoslovakia, Statni pedagogicke nakl., 1958, 242p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959,

Unclassified.

CERNY, L.; CERNA, M.

Problems of school children in relation to mental hygiene.
Cesk. pediat. 20 no.1:70-74 Ja '65

1. Detska psychiatricka lecehna v Dolnich Pocernicich,
(reditel - MUDr. L. Cerny) a Skolni zdravotni sluzba Ob-
vodniho ustavu narodniho zdravi v Praze 2 (reditel - MUDr.
J. Blahova).

JURMANOVA, K.; MENSIK, J.; CERNY, L.

The use of a diploid bovine cell strain for the isolation of viruses from calves with bronchopneumonia. Acta virol. (Praha) [Eng] 9 no.3:284 My'65.

1. Research Institute of Veterinary Medicine, Brno; Institute of Microbiology and Immunology, Veterinary faculty of the Agricultural University, Brno, Czechoslovakia.

CERNY, M. (Praha 2, Ke Karlovu 11).

On neurophysiological mechanisms in verbal hallucinations: an electrophysiological study. *Activ. nerv. sup. (Praha)* 7 no.2: 197-198 '65

1. Research Laboratory of the Psychiatric Clinic Charles University, Prague.

CERNY, M.; KORYCH, B.; SOUKUP, F.

Verification of species characteristics of some cell lines in
Czechoslovakia. I. First report. J. Hyg. epidem. (Praha) 8
no.3:353-363 '64.

I. Department of Biology and Department for Medical Microbio-
logy and Immunology, Medical Faculty, Charles University,
Prague.

COUNTRY : CZECHOSLOVAKIA H
CATEGORY : Chemical Technology. Chemical Products and Their
Applications. Corrosion. Corrosion Control
ABS. JOUR. : RZhKhim., No 17, 1959, No. 61199
AUTHOR : Cerny, M.
INSTITUTE : --
TITLE : Corrosion of the Inside Walls of Steel Heat Exchan-
ger Tubes as Affected by Cooling Brines
ORIG. PUB. : Prumysl potraviny, 1958, 9, No 12, 640-642

ABSTRACT : Factors responsible for accelerated corrosion of
steel tubes occurring, even with the use of appro-
priate protective measures, are discussed: use
of a proper pH of brines, use of corrosion inhi-
bitors. Investigated is corrosion of pipes in a
service in which the precipitation of solids oc-
curs. Innumeration are steps that permit elimina-
tion of various causes of corrosion. -- D.Yakesh.

Card: 1/1

H - 8

CERNY, M; BUBEN, I.; PACAK, J.

Syntheses with anhydro sugars. Pt.3. Coll Cz Chem 23 no.6:
1569-1578 Je '63.

1. Institut fur organische Chemie, Karlsuniversitat, Prag.

CZECHOSLOVAKIA

SOVA, J; CERNY, M.

1. Second Internal Medicine Clinic of Charles University
(II. vnitřní klinika KU), Prague; 2. Biological Institute
of Charles University (Biologický ústav KU), Prague

Prague, Vnitřní Lékařství, No 9, 1964, pp 833-836

"The Problem of Heredity in Hypertensive Disease."

CERNY, Mirko, ins.

Increase of the heating efficiency of gas circulation in
combustion-gas drying plants. Energetika Cx 13 no.7:363-
367 JI '63.

1. Vychodoslovenske selesiarne, n.p., Kosice.

GERNY, M.

Plastic lenses. Jemna mezh opt 7 no.10:317-322 0 '62.

1. Ustav teoretickych zakladu chemicke techniky, Ceskoslovenska akademie ved, Praha.

CERNY, M., dr., ins.

Extraction of the sulfuric acid from waste water. Vodni
hosp 13 no.2:56 '63.

1. Chemofarma, n.p., Usti nad Labem.

^{Milos}
CHERNY, M. [CHERNÝ, M], VELITSKI, I. [VELICKÝ, J.]

Sanatorium treatment of ocular tuberculosis [with summary in French]
Probl.tub. 36 no.4:8-10 '58 (MIRA 11:7)

1. Iz Gosudarstvennoy lechebnitsy glavnykh bolezney (Nové Zámky -
Krkonoše, glavnyy vrach Milosh Cherny [Milos Cerný]) i glaznogo
otdeleniya lechebnitsy dlya tuberkuleznikh (Nový Smokovec,
Vysoké Tatry, glavnyy vrach Irshi Velitski [Jerzy Velický],
Čechoslovensko).

(TUBERCULOSIS. OCULAR, ther.
sanatorium care, indic. (Rus))

Cerny, Miloslav

SMITH, Given Name

Country: Czechoslovakia

Academic Progress:

Affiliation:

Source: Prague, Veterinarul Medicina, No 12, Dec 60, p 519

Data:

SMITH, Antonin

Affiliation: Physiological Institute, the Veterinary Faculty at VHE in Brno;
Department of Organic Chemistry, the Faculty of Natural
Sciences at Charles University, Prague.

Data: Co-author of "The Influence of Aurothioglucose, Given Both
Simply and in a Complex, on the Body-weight of Mice," Source.

X CERNY, Miloslav

Affiliation: Physiological Institute, the Veterinary Faculty at VHE in Brno;
Department of Organic Chemistry, the Faculty of Natural
Sciences at Charles University, Prague.

Data: Co-author of "The Influence of Aurothioglucose, Given Both
Simply and in a Complex, on the Body-weight of Mice," Source.

Page 1 of 1

(2)

ZOCH, Oldrich; CERNY, Miroslav

Main trends and goals of the development of fertilizer
industry in the Soviet Union up to 1980. Chem prum
12 no.5:225-227 My '62.

1. Ministerstvo chemického prumyslu.

CERNY, Miroslav

A new kind of phosphatic fertilizer, the superphosphate II.
Chem prum 13 no.3:139-140 Mr '63.

1. Ministerstvo chemického průmyslu.

CERNY, Milan

Eye of mummies treated with verdigris; findings at the Blumental Cemetery in Bratislava. Biologia, Bratisl. 10 no.2:240-246 '55.

1. Anthropologicke laboratorium University Komenskeho v Bratislave.

(MURALMING,

eye in mummies treated with verdigris)

(EYE,

in mummies treated with verdigris)

(ACETATES,

verdigris treatment of mummies, eyes in)

CERNY, M.; CERNA, J.

Nature of the disease and social damage to patients treated
at the Eye Sanatorium Nove Zamky in Podkrkonosi. Cesk. oftal.
20 no.2:148-154. M*64

1. Očni léčebna v Nových Zámkách; reditel: MUDr. M. Cerný.

*

ČERNÝ, M., inž.

Straight road marks from plastic concrete and epoxy paints. Siln
doprava 12 no.12:20-22 D '64.

1. Silnice National Enterprise, Usti nad Labem.

CERNY, Milan, Dr.

Against vulgarization of Pavlovian teachings. Cas. lek. cesk.
91 no.1:27-29 4 Jan 52.

1. Psychiatricka klin. prof. dr. Myslivecka, Praha.
(PHYSIOLOGY
Pavlovian teaching, danger of vulgarization.)

CHERNY, MIKHAEL, Cand Med Sci -- (diss) "Clinical experimental^M
study of certain subcortical functions in schizophrenia."
Len, 1958, 15 pp (Min of Health RSFSR. Len Sanitary Hygiene
Med Inst) 200 copies (KL, 32-58, 113)

CERNY, MILAN

CERNY, Milan

Clinical and experimental study of some subcortical functions in schizophrenia. Sbor. trud. Len. nauchn. ob-va nevr. i psikh. no.6: 333-334 '59. (MIRA 13:12)

1. Is kafedry psikhiiatrii (zav. - prof. V.K. Fedorov) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(SCHIZOPHRENIA) (REFLEXES)

BURIAN, L.; HERUFEK, B.; CERNY, M.

Neuraminic acid in psychoses. Cesk. psychiat. 55 no.3:139-146 June 59.

1. Psychiatricka lecebna v Brne. I.B., Brno, Olomoucka 98.

(AMINO ACIDS, in blood

neuraminic acid in psychoses (Cz))

(PSYCHOSES, blood in

neuraminic acid (Cz))

CERNY, M.; DIFEK, M.; KRYSTOF, M.

Studies on the reactivity of the CNS in radiotelegraph operators.
Activ. nerv. sup. 4 no.2:186 '62.

1. Vyskumna psychiatricka laborator psychiatricke kliniky fakulty
vseobecneho lekarstvi Karlovy university v v Praze, Ustredni
zdravotnický ústav ministerstva vnitra v Praze.

(CENTRAL NERVOUS SYSTEM physiol)
(OCCUPATIONS AND PROFESSIONS)

CERNY, M.

Effect of hyperventilation on the EEG rhythm reproduction. Aktiv.
nerv. sup. 4 no.2:147 '62.

1. Vyskumna psychiatricka laborator psychiatricke kliniky fakulty
vseobecneho lekarstvi Karlovy university v Praze.

(RESPIRATION physiol) (ELECTROENCEPHALOGRAPHY)

CERNY, M.

Use of electromyography for the study of human dynamic motor stereotypes. *Activ. nerv. sup.* 4 no.2:147-148 '62.

1. Vyskumna psychiatricka laborator psychiatricke kliniky fakulty vseobecneho lekarstvi Karlovy university v Praze.

(ELECTROMYOGRAPHY) (MOVEMENTS physiol)

CERNY, M.; MICHALOVA, C.

Comparison of some changes in higher nervous activity and of some humoral indicators in psychosis and neurosis. *Activ. nerv. sup.* 4 no.3/4:340-346 '62.

1. Psychiatric Clinic, Medical Faculty, Charles University, Prague
Institute of Industrial Hygiene and Occupational Diseases, Prague.
(CENTRAL NERVOUS SYSTEM) (PSYCHOSES) (NEUROSES)

CERNY, M.; KUCERA, J.; SOUKUP, F.

Clinical genealogy. Cesk. pediat. 18 no.5:442-456 My '63.

1. Ustav obecné biologie fakulty všeobecného lékařství KU v Praze, přednosta prof. MUDr. RNDr. B. Sekla. Ustav pro pedi o.matku a dítě v Praze, reditel doc. dr. M. Vojta, vedoucí pediatrického úseku doc. dr. K. Polacek, CSc.

(CHROMOSOME ABNORMALITIES) (SCHIZOPHRENIA)

(RETINITIS PIGMENTOSA) (ABNORMALITIES)

(PARAMYOCLOWUS MULTIPLEX) (GENETICS, HUMAN)

KRAMEROVA,Z.; VOJTA,V.; CERNY,M.; SEKLA,B.; SOUKUP,F.

Congenital cerebellar hypoplasia with congenital heart defect and autosomal trisomy in monozygotic twins. Cesk. pediat. 18 no.12:1096-1100 D'63.

1. IV. detska klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta: prof. dr. F.Blasek); Neurologicka klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta: akademik K.Henner) a Biologicky ustav fakulty vseobecneho lekarstvi KU z Praze (prednosta: prof.dr. B.Sekla).

CERNY, M.; HORVAI, I.

Electrophysiological study of verbal hallucinations. *Activ. nerv. sup.* 6. no. 1:94-95 '64.

PREIS, A., TRETIKOV, Z.; CERNY, M.

Atypical Klinefelter's syndrome with severe osteoporosis in
an 11-year-old boy. Cesk. pediat. 10 no.12:1094-1101 D ' 64

1. Interni oddeleni (vedouci doc. dr. C. Saxl) a ortopedicke
oddeleni (vedouci doc. dr. M. Fait) fakultni detske nemocnice
Krajskeho ustavu narodniho zdravi Jihomoravskeho kraje v Brne
a Biologicky ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. B. Sekla).

CERNY, M.; TOLAR, M.

Methods of karyotype determination. Acta univ. Carol. [med]
(Praha): Suppl. 18:99-104 '64.

1. Ustav obecné biologie fakulty všeobecného lékařství Uni-
versity Karlovy v Praze (prednosta: prof. dr. B. Sekla).

HNEVKOVSKY, O.; PETRIKOVA, E.; CERNY, M.

Prenatal sex ratio in man. Acta univ. Carol. [med] (Praha):
Suppl. 18: 105-110 '64.

1. II. klinika pro ortopedii a detskou chirurgii fakulty
detskeho lekarstvi University Karlovy v Praze (prednosta:
prof. dr. O. Hnevkovsky) a Ustav experimentalni biologie a
genetiky Ceskoslovenske akademie ved; Ustav pro obecnou
biologii fakulty vseobecneho lekarstvi University Karlovy
v Praze (prednosta: prof. dr. B. Sakla).

GERNY, M.; SOUKUP, F.; CERNA, M.; MISAROVA, Z.; SIMANKOVA, N.; ELEFANT, E.;
BOHACOVA, Z.

Karyological findings in multiple malformations. Acta univ.
Carol.[med] (Praha): Suppl. 18: 111-118 '64.

I. Ustav obecné biologie fakulty všeobecného lékařství University
Karlovy v Praze (prednosta: prof. dr. B. Sekla); I. detska
klinika fakulty detskeho lékařství University Karlovy v Praze
(prednosta: prof. dr. J. Svajcar); III. detska klinika fakulty
všeobecného lékařství University Karlovy v Praze (prednosta:
prof. dr. O. Vychytil) a IV. detska klinika fakulty všeobecného
lékařství University Karlovy v Praze (prednosta: prof. dr.
F. Blazek).

MISAROVA, Z.; SIMANKOVA, N.; CERNA, M.; CERNY, M.

Chromosomal findings in children's leukemias. Acta univ.
Carol. [med] (Praha): Suppl. 18: 135-141 '64.

1. I. detska klinika fakulty detskeho lekarstvi University
Karlovy v Praze (prednosta: prof. dr. J. Svejcar) a Ustav
obecne fakulty vseobecneho lekarstvi University Karlovy v
Praze (prednosta: prof. dr. B. Sekla).

KORYCH, B.; CERNY, M.; SOUKUP, F.; MISAROVA, Z.; CERNA, M.; SIMANKOVA, N.;
HOLECKOVA, E.; CHYLE, M.

Chromosomal characteristics of various lines of tissue cultures
in Czechoslovakia. Acta univ. Carol. [med] (Praha):Suppl. 18:
143-149 '64.

1. Ustav pro lebarskou mikrobiologii a imunologii fakulty vse-
obecneho lekarstvi University Karlovy v Praze (prednosta: prof.
dr. F. Patočka); Ustav obecne biologie fakulty vseobecneho lekarstvi
University Karlovy v Praze (prednosta: prof. dr. B. Sekla) a
I. detska klinika fakulty detskeho lekarstvi University Karlovy
v Praze (prednosta: prof. dr. J. Svejcar).

CERNA, M.; CERNY, M.; BARVIC, M.; SEKLA, B.

Dermatoglyphic examination of children with Down's disease in the ascending line. Acta univ. Carol. [med] (Praha): Suppl. 18: 193-198 '64.

Ustav obecne biologie fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. B. Sekla) a I. detska klinika fakulty detskeho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Svejcar).

L 2062-66

ACCESSION NR: AP5027293

CZ/0053/65/014/002/0108/0121

AUTHOR: Cerny, M.

TITLE: Chromosome studies in tissue cultures

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 2, 1965, 108-121

TOPIC TAGS: histology, mitosis, tissue physiology, cytology, animal genetics, experiment animal, cell physiology

ABSTRACT: Determination of the chromosome number and karyotype is described. Easiest study of chromosomes is in the metaphase; in the interphase they cannot be seen, but are present in a despiralized form. Importance of a sufficient number of cell mitoses in the suitable mitotic phase in experimental work is stressed. Multiplication of cells, hypotonic solutions for evaluation of mitosis, and normal characteristics of human chromosomes are described; changes caused by clinical syndromes are evaluated. Chromosome changes due to tumors, leukemia, and ionizing irradiation

Card 1/2

L 2062-66

ACCESSION NR: AP5027293

are described. Stabilized permanent tissue cultures of human and mice origin are described. Tissue cultures from pigs, monkeys, and rats are discussed. Experimentally induced changes in the number and shapes of chromosomes in culture tissues are discussed. Orig. art. has: 5 figures, 1 table, 7 graphs.

ASSOCIATION: Ustav obecné biologie fak. všeob. lek. KU, Prague (Institute of General Biology, Faculty of General Medicine, KU)

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SOV: 001

OTHER: 098

JPRS

Card 2/2

L 13141-66

ACC NR. AP6005689

SOURCE CODE: CZ/0079/65/007/002/0197/0198

AUTHOR: Cerny, M.

ORG: Research Laboratory, Psychiatric Clinic, Charles University, Prague

TITLE: Neurophysiological mechanism in verbal hallucinations: an electrophysiological study [This paper presented at the Third Interdisciplinary Conference on Experimental Medical Study of Higher Nervous Functions held in Marianake Lesne from 19 to 20 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 197-198

TOPIC TAGS: electrophysiology, neurophysiology, electromyography, psychoneurotic disorder, EEG

ABSTRACT: Electromyography was used to study muscular activation of the organs of speech during verbal hallucinations in psychiatric patients. EMG potentials in the region of the lower lip and under the chin, galvanic potentials on the skin of the left hand and EEG potentials from the occipital region were recorded. 28 psychics admitting auditory hallucinations were studied. It appeared that 9 truly had such hallucinations. During the hallucinations spontaneous galvanic skin activity appeared. It was possible to prove whether the patients really had hallucinations during examination. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 SUBM DATE: none

Card 1/1 HW

CZECHOSLOVAKIA

CERNY, M., BAUDYSOVA, M., HOLECKOVA, E; Biological Institute, Medical Faculty, Charles University, and Physiological Institute, Czechoslovak Academy of Sciences (Biologicky Ustav Lek. Fak. KU a Fysiologicky Ustav CSAV), Prague.

"Polyploidia and Endoreduplication in Mammal Cells Adapted to Cold."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 105-106

Abstract: Subcutaneous fibroblasts from mice were used to prepare a culture exposed repeatedly to cold. This results in replication without division of the cytoplasm, so-called endoreduplication, which was manifested after it was removed from the cold, during the first mitosis by the existence of diplochromosomes in cells. Endoreduplications were known previously to be due only to radiation effects. 4 Figures, 6 Western, 1 Czech reference. Submitted at "16 Days of Physiology" at Kosice, 29 Sep 65.

1/1

CERNY, Milos; VELICKY, Jiri

Protective treatment regime in chronic intraocular inflammations. Cas.
lek. cesk. 97 no.11:343-349 14 Mar 58.

1. Statni oční léčebna v Nových Zámcích u Hostinného. Vedoucí lékař
Milos Cerny. 2. Oční oddeleni léčebny pro tbc v Novém Smokovci.
Vedoucí lékař Jiri Velicky.

(EYE DISEASES)

chronic intraocular inflamm., protective ther. (Cz)

CERNY, Milos

Sanatorial preparation and postoperative care after the extraction of complicated cataracts and uveitis. Cesk. ofth. 16 no.6:368-371 S '60.

1. Státní oční léčebna Nové Zámky u Podkrkonoší, lékařský reditel
MUDr. Milos Cerny.
(CATARACT EXTRACTION)
(UVEITIS surg.)

CERNY, M.; ELEFANT, E.; JEKLEROVA, J.; RYCHTEROVA, V.

Autosomal mosaic 45/46/47 in Down's disease with an unusual heart abnormality. Cas.lek.cesk. 103 no.10:270-274 ; 6 Mr'64.

1. Biologicky ustav fakulty vseobecneho lekarstvi KU v Praze; (prednosta: prof. MUDr. et RNDr. B.Sekla); III.detska klinika fakulty vseobecneho lekarstvi KU v Praze (prednosta: prof. dr. O.Vychytil) a II.patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU v Praze (prednosta: prof.dr.V.Jedlicka).

*

CERNY, Milos

Clinical cytogenetics and its possibilities. Cesk. pediat. 16 no.4:
360-366. Ap '61.

1. Ústav obecné biologie fakulty všeobecného lékařství v Praze, před-
nosta prof. RUDr. MUDr. B. Sekla.

(GENETICS) (CYTOLOGY)

CERNY, Milos; VITOVA, Zdenka; KUCEROVA, Maria

Determination of the chromosomal number and karyotypes. Cesk. pediat.
16 no.10:915-921 0 '61.

1. Ustav obecné biologie fakulty všeobecného lékařství v Praze, před-
nosta prof. RNDr. et MUDr. B. Šekla Vysokým vývoje dítěte a katedra
fakultní pediatrie fakulty dětského lékařství KU v Praze, přednosta
prof. MUDr. J. Houstek.

(CHROMOSOMES)

CERNY, Milos

The chromosomal number and caryotype of the Walker tumor 256. Cas.
lek.vesk 100 no.23:709-712 9 Je '61.

1. Ustav obecné biologie Fakulty všeobecného lékařství KU v Praze,
prednosta prof. RNDr. MUDr. B. Sekla.

(NEOPLASMS genetics) (CHROMOSOMES)

SMETANKOVA, M.; CERNY, M.; HOLECKOVA, E.

Morphology of our line of the Walker tumor 256. Cas.lek.cesk 100
no.23:714-716 9 Je '61.

1. Biologicky ustav lebarske fakulty KU v Praze, prednosta prof. dr.
B. Sekla a Laborator pro fysiologii a patofysiologii premeny latek
CSAV v Praze, prednosta doc. dr. O. Poupa.

(NEOPLASMS exper)

CERNY, M.; SIMANKOVA, N.; MISAROVA, Z.; CERNA, M.

Chromosomal examination in leukemias in children. Cesk. pediat. 17
no.11:976-979 N '62.

1. Ustav obecné biologie fak. vseob. lek. Karlovy university v Praze,
prednosta prof. dr. B. Sekla I. detska klinika fak. det. lek. Karlovy
university v Praze, prednosta prof. dr. J. Svejcar.
(CHROMOSOMES) (LEUKEMIA)

GERNY, M.; CHRZ, R.

Chromosomal changes in man. Cas.lek.cesk 101 no.3:Lek Veda Zahr 13-20
19 Ja '62.

1. Ustav obecne biologie KU v Praze, prednosta prof. MUDr. et RNDr.
Bohumil Sekla, III interni klinika KU v Praze, prednosta akademik
Josef Charvat.

(CHROMOSOMES)

CERNY, Milos; CHRZ, Radan; NEUWIRTH, Jiri

A simple method for the determination of human karyotypes.
Cas. lek. cesk. 101 no.42,1262-1265 19 0 '62.

1. Biologicky ustav fakulty vseobecneho lekarstvi KU v Praze,
prednosta prof. MUDr. et RNDr. B. Sekla. III. interni klinika
fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik
J. Charvat.

(CHROMOSOMES)

CERNY, M.; SOUKUP, F.; TOLAR, M.

Basic statistical methods in clinical genetics. Čas. lek. česk.
102 no.38:Lek. ved. sahr. 9:174-181 20 S '63.

1. Biologický ústav fakulty všeobecného lékařství KU v Praze,
prednosta MUDr. et RNDr. B. Sekla.
(GENETICS, HUMAN) (STATISTICS)

HNEVKOVSKY, O., prof. dr.; PETRIKOVA, E.; CERNY, M.

Prenatal sex ratio in man. Acta chir. orthop. traum. cech.
30 no. 5:395-399 0'63.

1. II. klinika pro ortopedii a detskou chirurgii fakulty det-
skeho lekarstvi KU v praze (prednosta prof. dr. O. Hnevkovsky)
a Biologicky ustav fakulty vseobecneho lekarstvi KU v Praze
(prednosta prof. dr. B. Sekla).

*

PELIKAN, L. CERNY, M.

Splenectomy and subsequent infection in children. Cesk. pediat.
19 no.2:135-141 F'64

1. Detska klinika lebarske fakulty PU v Olomouci; zast. prednosta
MUDr. L. Pelikan, CSc.

MACEK, Milan; MICHL, Jiri; HOSTOMSKA, Lidmila; KUCEROVA, Maria; BRDICKA, Radim; CERNY, Milos. Techn. spoluprace:HAJKOVA,H.; DOCHKOVA, H.

Shereshevskii - Turner syndrome in the light of new clinical and cytological data. Acta Univ. Carol. [med.] (Praha) 10 no.1:87-105 '64

I. Ustav vyzkumu vyvoje ditete fakulty, detskeho lekarstvi University Karlovy v Praze (reditel: prof. MUDr. J. Houstek, Dr Sc); Ustav ser a ockovacich latek (reditel: MUDr. J.Johanovsky, CSc.); II. detska klinika fakulty detskeho lekarstvi University Karlovy v Praze (prednosta: prof. MUDr. J. Houstek, Dr Sc) a Ustav obecne biologie fakulty vseobecneho lekarstvi University Karlovy v Praze (reditel: prof. MUDr. B.Sekla, Dr Sc).

SOUKUP, F.; CERNY, M.; KUCERA, J.

Principles of genealogical research. Acta univ. Carol. [med]
(Praha): Suppl. 18: 153-158 '64.

1. Ustav obecne biologie fakulty vseobecneho lekarstvi Uni-
versity Karlovy v Praze (prednosta: prof. dr. B. Sekla) a
Ustav pro peci i matku a dite (reditel: doc. dr. M. Vojta).

UHLIK, J.; CERNY, M.

Examination of human chromosomes from permanent squash preparations. Cas. lek. cesk. 103 no.36:990-993 4 S '64.

1. Katedra genetiky a slechtění Vysoké školy zemědělské v Praze (vedoucí inz. J. Vlk. CSc.) a Ústav obecné biologie fakulty všeobecného lékařství Karlovy University v Praze (prednosta prof. MUDr. et RNDr. B. Sekla).

STANEK, J.; SINDLEROVA, M.; CERNY, M.

Derivatives of D-thioxylopyranose and of some reducing 1-deoxy-1-thiosaccharides. Coll Cz Chem 30 no.1:297-303 Ja '65.

1. Department of Organic Chemistry of Charles University, Prague. Submitted April 30, 1964.

1ST AND 2ND CROSSLINES

PROCESSES AND PROPERTIES INDEX

28

A report on the composition of beets and juices of the 1954-55 campaign. J. VONNAN AND M. M. CAMPBELL. *Lilly (Indiana)* 31, 277 (1955). The beets and juice showed the three properties characteristic of a dry season: a higher than av. content of Ca salts in the heavy liquor, a high ratio of org. sugar to ash, and high content of amides, betaines and total N. Decreases were noted in the alk. of juices, K_2O and P_2O_5 . The analysis of 23 juices showed an amide N exceeding the av. of 143 mg. per 100 g. sugar in 24 samples; a decreasing alk. of the juice during the season was then predicted and confirmed. A decrease in the amide N took place after the appearance of new greens; on Sept. 15 the amide N on one plot was 100 mg. and in Oct. the content dropped to 75 mg.

ASD 51.4 METALLURGICAL LITERATURE CLASSIFICATION

EXON. SYSTEM

CLASS. NO. 151

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
✓ A table for determining invert sugar in the presence of sucrose by using Fehling solution and glass beads. JIH Vondrák and Miroslav Čížek. <i>Časopis pro vědu a techniku</i> 22, 133 N (1933); cf. C. A. 27, 8278.—The Hersfeld method for detg. invert sugar in the presence of sucrose leads to results which vary with the degree of superheating. A temporary modification and tables are presented to be used until an internationally recognized method is adopted. The method calls for an addn. of 5 glass beads with a roughened surface to reduce superheating. Also in Z. <i>Zuckerind. Fachabst. Rep.</i> 22, 280-4 (1934). P. M. 78																			
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